

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/675213
Filing Date	September 30, 2003
First Named Inventor	Maltsev, Alexander
Group Art Unit	2661
Examiner Name	Unknown

Attorney Docket No: 884.781US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
KT	US-2002/0181509-A1	12/05/2002	Mody, A. N., et al.	370	480	04/24/2002
KT	US-2004/0001563-A1	01/01/2004	Scarpa, C. G.	375	326	06/28/2002

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
KT	EP-0645917A2	03/29/1995	Tsuda, H., et al.	H04L	27/22	
	EP-0825737A1	02/25/1998	Sawahashi, M., et al.	H04J	13/00	
	EP-0933903A2	08/04/1999	Seki, T., et al.	H04L	27/26	
	EP-1005204A2	05/31/2000	Sudo, H.	H04L	27/26	
	EP-1071251A2	01/24/2001	Onizawa, T., et al.	H04L	27/26	
	EP-1083683A2	03/14/2001	Suzuki, M., et al.	H04B	7/26	
	EP-1168745A1	01/02/2002	Doi, M	H04L	27/22	
	EP-1220505A2	07/03/2002	Kim, D	H04L	27/26	
KT	EP-1313283A2	05/21/2003	You, C., et al.	H04L	27/26	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴
KT		KELLER, T., et al., "Orthogonal Frequency Division Multiplex Synchronization Techniques for Frequency-Selective Fading Channels", <u>IEEE Journal on Selected Areas in Communications</u> , Vol. 19, no. 6, (June 2001), 999-1008	

EXAMINER

/Khair Tran/

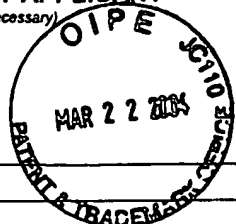
DATE CONSIDERED

01/10/2007

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**
 (Use as many sheets as necessary)



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/05A(10-01)
 Approved for use through 10/31/2002. OMB 05-1-003
 US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE

Complete if Known

Application Number	10/675213
Filing Date	September 30, 2003
First Named Inventor	Maltsev, Alexander
Group Art Unit	2661
Examiner Name	Unknown

Sheet 1 of 1

Attorney Docket No: 884.781US1

Technology Center 2600

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date if Appropriate
KT	US-2002/0159533-A1	10/31/2002	Crawford, J. A.	375	260	08/21/2001
	US-5,652,772	07/29/1997	Isaksson, Mikael, et al.	375	367	01/22/1996
	US-5,732,113	03/24/1998	Schmidl, Timothy M., et al.	375	355	06/20/1996
	US-6,295,326	09/25/2001	Tonissen, Shane M., et al.	375	350	03/01/2000
	US-6,320,915	11/20/2001	Stolt, Jonathan H., et al.	375	340	05/01/1998
	US-6,359,938	03/19/2002	Keevill, Peter A., et al.	375	316	10/22/1997
KT	US-6,363,128	03/26/2002	Isaksson, Mikael, et al.	375	355	06/23/1999

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
--------------------	---------------------	------------------	---	-------	----------	----------------

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KT		CHEN, BOR-SEN, et al., "Frequency Offset Estimation in an OFDM System", 2001 IEEE Third Workshop on Signal Processing Advances, Wireless Communications 2001, (2001),150-153	
		DACCA, M. R., et al., "Frequency Offset Tracking in OFDM Based on Multicarrier PLL", 21st Century Military Communications Conference Proceedings, Vol. 2, (2000),912-916	
		LARSSON, ERIK G., et al., "Joint symbol timing and channel estimation for OFDM based WLANs", IEEE Communications Letters, Vol. 5, No. 8, (August 2001),325-327	
		LI, JIAN, et al., "Carrier Frequency Offset Estimation for IFDM-Based WLANs", IEEE Signal Processing Letters, Vol. 8, No. 3, (March 2001),80-82	
		MATHEUS, KIRSTEN, et al., "Parameter Optimization for Decision Directed Frequency Tracking for Coherent OFDM", Global Telecommunications Conference, 2000, ICCC Vol. 3, (2000),1402-1406	
		MORELLI, MICHELE, et al., "Carrier-Frequency Estimation for Transmission over Selective Channels", IEEE Transactions on Communications, Vol. 48, No. 9, (September 2000),1580-1589	
		PERETS, R., et al., "A New Phase and Frequency Offset Estimation Algorithm for OFDM Systems Applying Kalman Filter", 22nd Convention of Electrical and Electronics Engineers in Israel, IEEE, XP010631136, (12/01/2002), 300-302	
KT		SCHMIDL, TIMOTHY M., "Robust Frequency and Timing Synchronization for OFDM", IEEE Transactions on Communications, Vol. 45, No. 12, (Dec. 1997),1613-1621	

EXAMINER

/Khair Tran/

DATE CONSIDERED

01/10/2007

Substitute Disclosure Statement Form (PTO-1449)
 * EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached